| Ina | lex of | Claims |  |
|-----|--------|--------|--|
|     |        |        |  |

| _ | Application No. | Applicant(s)   |
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|   | 10/657,900      | FISCHER ET AL. |
|   | Examiner        | Art Unit       |
|   | Thai-Ba Trieu   | 3748           |

| √  | Rejected |
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| 11 | Allowed  |

| [ | _ | (Through numeral)<br>Cancelled |
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| ı | Interference | 0 | Objected |

| 1  | Cla      | aim      |          |            |          |  | Dat  | е  |          |          |              |   | Cla           | im       |  |   |   | _ ! | Dat          | e            | _  |  | , -      |    | С        | lai   |
|--|----------|----------|----------|------------|----------|--|--|--|----------|----------|--------------|---|---------------|----------|--|---|---|-----|--------------|--------------|--|--|----------|----|----------|-------|
| S2   | Final    | Original | 1/28/05  | 6/24/05    | 11/16/05 |  |  |  |          |          |              |   | Final         | Original |  |   |   |     |              |              |  |  |          |    | Final    |       |
| 3   V   V   V   S54   S54   S55   S66   F57   F56   S67   F57   F58   F59    |          |          |          |            | √        |  |  |  |          |          |              |   |               |          |  |   |   |     |              |              |  |  |          |    |          | Ŀ     |
| 4       √       √       √       55       √       √       55       55       56       55       56       57       58       58       57       58       58       59       57       58       59       50       60       60       60       60       60       60       60       60       60       60       60       60       60       61 <td></td> <td>2</td> <td>✓</td> <td>✓</td> <td></td> <td>_</td> <td>Ц.</td> <td></td> <td>L</td> <td>╙</td> <td><math>oxed{oxed}</math></td> <td></td> <td></td> <td>52</td> <td>Ш</td> <td></td> <td></td> <td></td> <td></td> <td><u> </u></td> <td></td> <td><u> </u></td> <td><u> </u></td> <td>ļ</td> <td></td> <td>Ļ</td>   |          | 2        | ✓        | ✓          |          | _  | Ц.   |  | L        | ╙        | $oxed{oxed}$ |   |               | 52       | Ш  |   |   |     |              | <u> </u>     |  | <u> </u>   | <u> </u> | ļ  |          | Ļ     |
| 5  | L_       |          |          |            | _        | <u> </u>   | _  | _  | _        | <u> </u> | <u> </u>     |   |               |          | L  |   |   |     | ┡            | <u> </u>     | L.   |  | <u> </u> | 1  |          | Ļ     |
| 6  | <u> </u> |          |          |            |          | <u> </u>   |  | <u> </u>   | ļ        | $\vdash$ | <u> </u>     |   | ļ             |          | _  |   |   | _   | ┡            | ļ            | <u> </u>   | <u> </u>   | ┡        | 1  |          | Ŧ.    |
| T  | <u> </u> |          |          |            | _        | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u> | <b>├</b> | ┢            |   |               |          | _  | _ |   | _   | <del> </del> | ⊢            | <u> </u>   | ┝  | -        | ł  |          | +     |
| S  | <u> </u> |          |          |            | -        | <u> </u>   | <u> </u>   | <u> </u>   | -        | ├-       | -            |   | <u> </u>      |          |  |   |   |     | ⊢            | ⊢            | $\vdash$   | ├—   | ┡        | 1  |          | +     |
| 9  | <u> </u> |          |          |            |          |  | -  | <u> </u>   | ⊢        | ┢        | -            |   |               |          | ┝  | _ | _ | _   | ├            | ├—           | $\vdash$   | ⊢  | -        | 1  |          | +     |
| 10   | <u> </u> |          |          | _          | -        | <del> </del>                                     | ⊢  | ⊢  | $\vdash$ | ⊢        | ┢╾           | - |               |          | -  |   |   | -   | ┢╌           | ├—           |  | ┢  | ┝        | 1  |          | +     |
| 11   | <u> </u> |          |          | ┝          | $\vdash$ | $\vdash$   | ⊢  |  | $\vdash$ | ╀        | ├            | 1 | <u> </u>      |          | _  | _ | _ | -   | ┢            | ┢            | <del>                                     </del> | <del> </del>                                     | -        | 1  | _        | +.    |
| 12   |          |          |          | ⊢          | -        | $\vdash$   | $\vdash$   | -  |          | -        | ┢            | 1 | <u> </u>      |          | ⊨  | _ |   | -   | ├-           | -            | -  | ┢  | ╁        | ł  | -        | +     |
| 13   | <u> </u> |          | ./       | _          |          | <del>                                     </del> | <del> </del>                                     | ├─   | ┝        | ┢        | ╁            | 1 | <u> </u>      |          | -  |   | - | -   | ╁            | $\vdash$     |  | $\vdash$   | $\vdash$ | 1  | <u> </u> | +     |
| 14   |          |          | _        | $\vdash$   | -        |  |  | ├─   | ⊢        | $\vdash$ | ╁            | ł | $\vdash$      |          | $\vdash$   |   |   | _   | 1            | ┢            |  | H  | ╁        | ł  |          | +     |
| 15   | -        |          |          | -          | -        | $\vdash$   | ┢  | <del>  -  </del>                                 | ┢        | ├─       | $\vdash$     | 1 |               |          |  |   |   | -   | $\vdash$     | $\vdash$     | -  | 1  | <u> </u> | 1  | <u> </u> | +     |
| 16   |          |          |          | _          | _        | -  | $\vdash$   |  |          | $\vdash$ | H            | i |               |          | Н  |   |   |     | $\vdash$     | T            | $\vdash$   | ┢  | ┢        | 1  |          | t     |
| 17   |          |          |          |            | _        | -  | $\vdash$   | $\vdash$   | Т        | T        | Т            | i |               |          |  |   |   |     | T            | t            | $\vdash$   | <del>                                     </del> | _        | 1  |          | T     |
| 18       √       ✓   |          |          | V        | Ì          |          | -  |  | Т  | Т        | T        | T            | i |               |          |  |   |   |     | T            | T            |  | Π  |          | 1  |          | T     |
| 19   |          |          |          |            | _        |  | _  |  |          |          |              |   |               |          |  |   |   |     |              |              |  |  |          | 1  |          | T     |
| To   To   To   To   To   To   To   To  |          |          | V        |            | _        |  | П  | Г  | Г        |          |              | ĺ |               |          |  |   |   |     | Γ            |              |  | Π  |          | 1  |          | 1     |
| 1  |          |          | <b>√</b> | <b>V</b>   |          |  |  | Г  | Г        | Г        |              | 1 |               | 70       |  |   |   |     |              |              |  |  |          | 1  |          | T     |
| The state of the |          |          |          |            | ✓        |  |  |  |          |          |              |   |               |          |  |   |   |     |              |              |  |  |          | ]  |          | Т     |
| 23   |          | 22       |          |            |          |  |  |  |          |          |              |   |               |          |  |   |   |     | Π            |              |  |  |          | ]  |          | Τ.    |
| 25   |          | 23       | √        | ✓          | √        |  |  |  |          |          |              | ] |               |          |  |   |   |     |              |              |  |  |          | ]  |          |       |
| 26       √       √       √         27       √       √       √         28       √       √       √         29       √       √       √         30       √       √       √         31       √       √       √         32       √       √       √         33       √       √       √         34       √       √       √         35       √       √       √         36       √       √       √         38       √       √       √         40       √       √       √         41       √       √       √         42       √       √       √         43       √       √       ✓         44       √       √       ✓         45       √       √       ✓         46       √       √       ✓         48       ✓       98         99       99   |          | 24       | V        | ✓          | √        |  |  |  |          |          |              |   |               | 74       |  |   |   |     |              |              |  |  |          | ]· |          |       |
| 27   |          |          | V        | √          | √        |  |  | L  |          |          |              |   |               |          |  |   |   |     |              |              |  |  |          | ]  |          | Ŀ     |
| 28       √       √       √         29       √       √       √         30       √       √       √         31       √       √       √         32       √       √       √         33       √       √       √         34       √       √       √         35       √       √       √         36       √       √       √         38       √       √       √         40       √       √       √         41       √       √       √         42       √       √       √         43       √       √       √         44       √       √       ✓         45       √       √       ✓         46       √       √       ✓         48       98       99  |          |          |          | ✓          | √        |  |  |  |          |          |              |   |               |          |  |   |   |     |              |              |  | L  |          | ]  | <u> </u> | Ŀ     |
| 29   |          |          | ✓        | ✓          |          |  |  | _  | _        |          | 乚            |   |               |          |  |   |   |     |              | <u> </u>     |  | <u> </u>   |          | 1  | ļ        | Ľ     |
| 30   |          |          |          |            | _        |  |  |  |          |          | ļ            |   |               |          | _  |   |   |     |              | L.           | ļ  | 乚  |          | 1  |          | Ľ     |
| 31   |          | 29       |          |            | ✓        | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u> | _        |              |   |               | 79       |  |   |   |     | <u> </u>     | _            |  | ╙  |          | 1  | <u> </u> | Ľ     |
| 32   |          |          |          |            |          | L  |  | _  | _        | _        | <u> </u>     |   |               |          | _  |   |   |     | <u> </u>     |              |  | <u> </u>   | ļ        | 1  |          | 4     |
| 33   \( \sqrt{1} \sqrt{1} \sqrt{1} \)  |          | 31       |          |            | _        | _  | <u> </u>   | _  | _        | ┞-       | <b> </b>     |   |               |          |  |   |   |     | ┡            |              | <u> </u>   | ┡  | <u> </u> |    |          | -   ' |
| 34   |          | 32       |          |            |          | _  | _  | _  | _        | ┝        | ⊢            |   |               |          | <u> </u>   |   |   | _   | -            | ├            | _  | ┝  | ├        | 1  | <u> </u> | +     |
| 35   |          |          |          |            |          | _  | _  | ├  | _        | ├_       | -            |   |               |          | <u> </u>   |   |   |     | ⊢            | ├            | ⊢  | ├-   | ├        | ┨  |          | +     |
| 36   |          |          |          |            |          | ┝  | <del> </del>                                     | ⊢  | ⊢        | ⊢        | ├            | l |               |          | _  |   |   | Ь.  | ⊢            | ┝            | ⊢  | -  | ┝        | ┨  | <u> </u> | +     |
| 37   | -        |          |          |            | _        | $\vdash$   | ⊢  |  | ⊢        | ⊢        | ├-           |   | <del></del> - |          | -  | _ |   |     | $\vdash$     | <del> </del> | H  | ┝  | -        | ł  |          | +     |
| 38   |          |          |          |            |          | ⊢  |  | $\vdash$   | ┝╌       | ┢        | ┢            |   |               |          | ├  |   |   | _   | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$ | ł  | <u> </u> | +     |
| 39   |          |          |          | _          | _        | <del> </del>                                     | ├─   | $\vdash$   | ┝        | ├        | ┝            |   |               |          | $\vdash$   | _ |   | _   | ⊢            | ├            | $\vdash$   | ├  | -        | ł  | -        | +     |
| 40   \(      \)  | -        |          |          |            | _        | $\vdash$   | ⊢  | $\vdash$   | ⊢        | ╁        | ┢            | ł | <u> </u>      |          | -  |   |   |     | ┢            | -            |  | -  | 1        | ł  | <u> </u> | +     |
| 41   \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \)  | -        |          | ./       | \ <u>\</u> |          | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ | ╁        | -            | 1 | <del></del>   |          | -  |   |   |     | ┢            | ╁            | H  | ┢╌   | +-       | 1  | <u> </u> | +     |
| 42   \(        \(       \(       \(       \(       \(       \(       \(  | -        |          |          |            | _        | ┢  | ┢  | <del>                                     </del> | ┢        | $\vdash$ | $\vdash$     | 1 |               |          | <del>                                     </del> |   | _ | -   | 1            | ╁            |  | ┢  | $\vdash$ | ł  |          | +     |
| 43   \(     \)   | _        |          | J        | 7          |          | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | ├─           |   |               |          |  |   |   |     | H            |              |  | -  | _        | 1  | $\vdash$ | †     |
| 44   \(     \)   |          |          | 7        | Ĭ          |          | $\vdash$   | <del>                                     </del> | $\vdash$   |          | $\vdash$ | $\vdash$     |   |               |          | $\vdash$   | _ |   | _   | $\vdash$     | T            | <u> </u>   | T  |          | 1  |          | †     |
| 45 \( \sqrt{1} \sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2} \\ 46 \( \sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2} \\ 47 \( \sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2} \\ 48 \( \sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2} \\ 48 \( \sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2} \\ 98 \( \sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2} \\ 99 \( \sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2} \\ 99 \( \sqrt{2}      |          |          | Ĭ        |            |          |  | Г  | $\vdash$   | $\vdash$ | Г        | T            |   |               |          |  |   |   | _   | ⇈            | T            | Г  | T  |          | 1  |          | †     |
| 46   \(     \)   |          |          | V        | V          |          |  | Г  | ┢  |          | 1        |              |   |               |          | Г  |   |   | _   |              | T            |  |  | T        | 1  |          | T     |
| 47   \(     \)   |          |          |          |            |          |  |  | T  | Г        |          | $\vdash$     | 1 |               |          |  |   |   |     | Γ            | T            |  | Γ  |          | 1  |          | T     |
| 48 98 99 99 99 99 99 99 99 99 99 99 99 99  |          |          |          | 1          |          | Г  | Г  |  |          |          |              |   |               |          |  |   |   |     |              |              |  |  |          | ]  |          | T     |
| 49 99 99   |          |          |          |            |          |  |  |  |          |          |              |   |               | 98       |  |   |   |     |              |              |  | L  |          |    |          | Т     |
|  |          | 49       |          |            |          |  |  |  |          |          |              |   |               | 99       |  |   |   |     |              |              |  |  | L        | ]  |          | Ι     |
|  |          | 50       |          |            |          |  |  |  |          | L        |              | ] |               | 100      |  |   |   |     |              |              |  |  |          |    |          | Ι     |

|       |            | -  |              |              |              |          |  |              |  |                        |
|-------|------------|--|--------------|--------------|--------------|----------|--|--------------|--|------------------------|
| Cla   | aim        |  |              |              |              | Date     |  |              |  | ᅵ                      |
| Final | Original   |  |              |              |              |          |  |              |  |                        |
|       | 101        | Н  |              | _            |              | -        | _  |              |  |                        |
|       | 102        |  |              |              |              |          |  |              |  |                        |
|       | 103        |  |              |              |              |          |  |              |  |                        |
|       | 104        |  |              |              |              |          |  |              |  |                        |
|       | 105        |  |              |              |              |          |  |              |  |                        |
|       | 106<br>107 |  |              |              |              |          |  |              |  |                        |
|       | 107        | L_   |              |              |              |          |  |              |  |                        |
|       | 108        | <u> </u>   |              | $oxed{oxed}$ |              |          |  | $oxed{oxed}$ |  | Ш                      |
|       | 109        | <u> </u>   | _            |              |              |          |  | lacksquare   |  |                        |
|       | 110        |  | _            | <u> </u>     | _            |          |  |              | $\vdash$   | Н                      |
|       | 111        | -  |              | <b> </b>     | H            | H        | H  | <u> </u>     | <u> </u>   | $\vdash \vdash$        |
|       | 112<br>113 | <del> </del>                                     | $\vdash$     | H            | $\vdash$     | $\vdash$ | $\vdash$   | -            | $\vdash$   | $\vdash \vdash$        |
|       | 113        |  | $\vdash$     | $\vdash$     | <del> </del> | $\vdash$ | H  | $\vdash$     |  | $\vdash\vdash$         |
|       | 114<br>115 |  | $\vdash$     | $\vdash$     | H            |          | -  |              | <del>                                     </del> | $\vdash$               |
|       | 116        | $\vdash$   | H            | H            | H            | -        |  |              | $\vdash$   | H                      |
|       | 117        |  | Н            | $\vdash$     | $\vdash$     | $\vdash$ |  |              |  | Н                      |
|       | 117<br>118 |  |              |              |              |          |  |              |  | П                      |
|       | 119        |  | $\vdash$     |              |              |          |  |              |  | П                      |
|       | 120        |  |              |              |              |          |  |              |  |                        |
|       | 120<br>121 |  |              |              |              |          |  |              |  |                        |
|       | 122        |  |              |              |              |          |  |              |  |                        |
|       | 123<br>124 |  |              |              |              |          |  |              |  |                        |
|       | 124        |  |              |              |              |          | <u> </u>   |              |  |                        |
|       | 125<br>126 | _  |              |              |              |          |  |              | _  | Ш                      |
|       | 126        |  |              |              |              | _        | _  | _            | $\vdash$   | Ш                      |
|       | 127        | H  | L            | $\vdash$     |              | _        | <u> </u>   |              | _  | H                      |
|       | 128<br>129 |  | _            |              |              | _        |  | _            | H  | Н                      |
|       | 130        | -  | -            | -            |              |          | $\vdash$   |              | -  | Н                      |
|       | 131        | $\vdash$   | $\vdash$     | -            |              | _        |  | _            | H  | H                      |
|       | 131<br>132 |  | H            |              | -            | _        | <del> </del>                                     |              | Н  | ${oldsymbol{	ext{H}}}$ |
|       | 133        | <del>                                     </del> | $\vdash$     | $\vdash$     |              | -        | <del> </del>                                     | $\vdash$     | $\vdash$   | $\vdash\vdash$         |
|       | 134        |  | Н            | Т            |              | $\vdash$ | <del>                                     </del> |              | $\vdash$   | $\vdash$               |
|       | 134<br>135 |  | Г            |              |              |          |  |              | П  | П                      |
|       | 136        |  |              |              |              |          |  | П            | Г  | П                      |
|       | 137        |  |              |              |              |          |  |              |  |                        |
|       | 138        |  |              |              |              |          |  |              |  |                        |
|       | 139        |  |              |              |              |          |  |              |  |                        |
|       | 140        |  |              | <u> </u>     |              |          |  | $\Box$       | ட  | Ш                      |
|       | 141        | L  | _            | <u> </u>     |              | _        | <u> </u>   |              | L-   | Щ                      |
|       | 142        | ļ  | <u> </u>     | <u> </u>     | <u> </u>     |          | ļ  |              | $\vdash$   | Ш                      |
|       | 143        | H  | <u> </u>     |              | -            | _        |  |              | $\vdash$   | Н                      |
|       | 144        |  | $\vdash$     |              | ⊢            |          | <u> </u>   |              | $\vdash$   | Н                      |
|       | 145<br>146 | $\vdash$   |              | -            | H            |          | <u> </u>   | -            |  | H                      |
|       | 145        | ┝  | H            | ┝            | $\vdash$     | _        | <u> </u>   | $\vdash$     | ┢  | $\vdash \vdash$        |
|       | 148        | <u> </u>   | -            | -            | -            | -        | <u> </u>   | $\vdash$     | $\vdash$   | $\vdash$               |
|       | 149        | $\vdash$   | <del> </del> | $\vdash$     | H            | <u> </u> | $\vdash$   | -            | $\vdash$   | Н                      |
|       | 150        | $\vdash$   | $\vdash$     | -            | $\vdash$     | -        |  | $\vdash$     | $\vdash$   | Н                      |
|       | 100        |  | ι            | Ц.           |              | ш-       | L  | L            |  | ш                      |